

Converting Colors

XYZ(82.2404, 87.2973,
102.8803)

Have a look what the booklet for
XYZ(82.2404, 87.2973, 102.8803)
contains.

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Color

**XYZ(81.9893, 86.9685,
102.9078)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F1FA
RGB	232, 241, 250
RGB Percent	91%, 95%, 98%
CMY	0.0902, 0.0549, 0.0196
CMYK	0.07, 0.04, 0.00, 0.02
HSL	210°, 64%, 95%
HSV	210°, 7%, 98%
XYZ	81.9893, 86.9685, 102.9078
YIQ	239.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

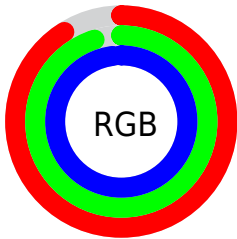
Format	Color
R _Y B	232, 238, 250
Decimal	15266298
CIE Lab	94.72, -1.30, -5.37
CIE LCh	95, 5.522, 256.424
Yxy	86.9685, 0.3016, 0.3199
Android (android.graphics.Color)	4293456378 (0xFFE8F1FA)
YUV	239.3350, 5.2578, -6.4328
Hunter-Lab	93.2569, -6.2665, -0.1459

Details

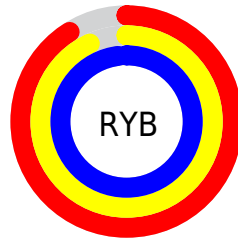
The XYZ color **81.9893, 86.9685, 102.9078** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4454, 89.0601, 89.0322**, and the grayscale version is **82.2720, 86.5566, 94.2601**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9911, 47.8231, 57.8984** is the 20% darker color. If you saturate the color by 10%, you get **70.8722, 75.9360, 101.3656**, and if you desaturate by 10%, it is **93.7791, 98.7292, 104.5578**.

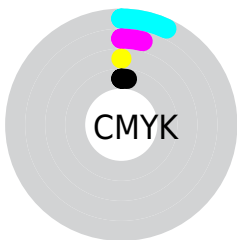
Distribution



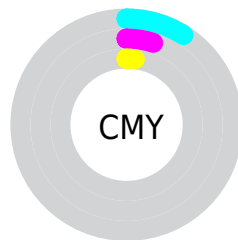
- Red (91%)
- Green (95%)
- Blue (98%)



- Red (91%)
- Yellow (93%)
- Blue (98%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9893, 86.9685, 102.9078 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.9893, 86.9685, 102.9078 by changing the saturation by 10% instead.

81.9893, 86.9685,
102.9078

81.9893, 86.9685,
102.9078

490.2469,
518.1194, 590.8018

61.6708, 65.4691,
78.1008

135.0949,
143.1202, 167.2341

45.0213, 47.8416,
57.6398

168.6127,
178.5414, 207.5904

31.6756, 33.7015,
41.1064

207.2610,
219.3719, 253.9670

21.2682, 22.6643,
28.0819

251.4051,
265.9963, 306.7823

13.4337, 14.3459,
18.1478

301.4104,
318.7988, 366.4549

7.8069, 8.3616,
10.8856

357.6422,

4.0224, 4.3272,

378.1639, 433.4033

5.8768

420.4660,
444.4759, 508.0461

■ 1.7148, 1.8582,
2.7027

■ 0.4655, 0.5231,
0.9448

■ 81.9893, 86.9685,
102.9078

■ 81.9893, 86.9685,
102.9078

■ 70.8722, 75.9360,
101.3656

■ 93.7791, 98.7292,
104.5578

■ 61.1072, 65.9672,
99.9561

■ 94.2556, 99.6822,
104.7166

■ 52.6396, 57.0286,
98.6771

■ 45.4079, 49.0806,
97.5241

■ 39.3453, 42.0804,
96.4925

■ 34.3780, 35.9815,
95.5770

■ 30.4229, 30.7320,
94.7722

■ 27.3829, 26.2725,
94.0717

■ 25.1344, 22.5298,
93.4678

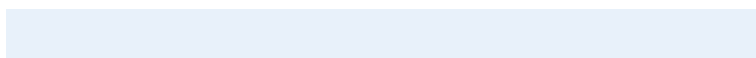
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6990, 86.9685, 100.7723



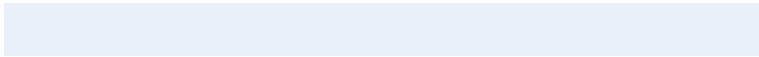
81.9893, 86.9685, 102.9078



83.4748, 86.9685, 102.7961

Triad

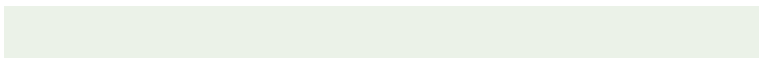
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9893, 86.9685, 102.9078



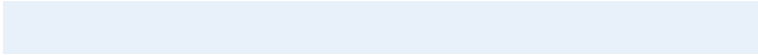
85.4436, 86.9685, 92.3896



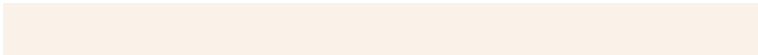
80.5998, 86.9685, 89.1421

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81.9893, 86.9685, 102.9078



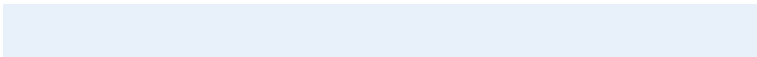
85.4454, 89.0601, 89.0322

Split Complementary

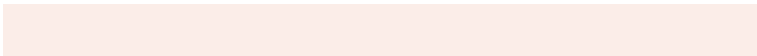
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8524, 86.9685, 87.0290



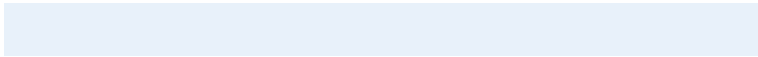
81.9893, 86.9685, 102.9078



84.6545, 86.9685, 88.8650

Square

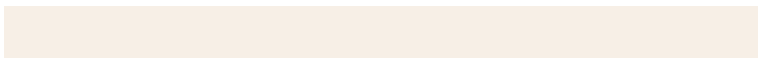
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



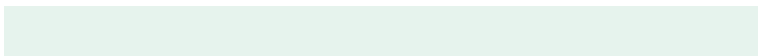
81.9893, 86.9685, 102.9078



85.4813, 86.9685, 96.6358



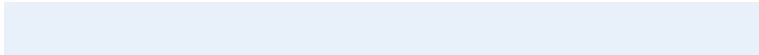
83.3363, 86.9685, 86.9292



79.9033, 86.9685, 92.7782

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9893, 86.9685, 102.9078



84.3762, 86.9685, 101.4606



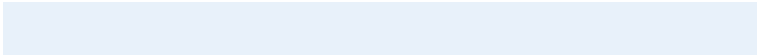
83.3363, 86.9685, 86.9292



80.9691, 86.9685, 88.2350

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81.9918, 86.9722, 102.9097



92.3907, 97.4300, 108.5441



83.2981, 91.8614, 96.3265



19.8033, 20.8810, 23.2366



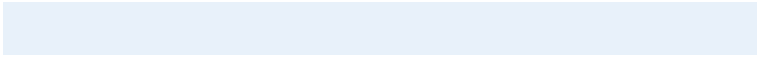
0.0000, 0.0000, 0.0000



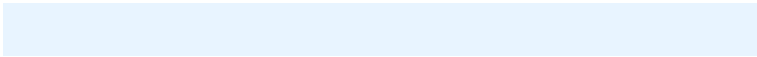
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9918, 86.9722, 102.9097



83.5543, 88.8029, 107.3446



79.4766, 81.9417, 102.0713



17.0004, 18.0776, 21.9786



13.1901, 11.7358, 49.5436



1.3276, 1.2989, 4.6239

Inverse Universe

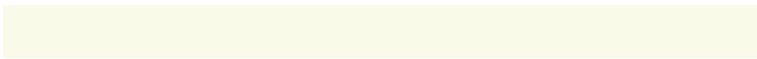
The Inverse Universe completely reimagines the original color for something new.



84.1601, 84.3898, 95.0765



86.3685, 85.5045, 97.1659



88.0837, 94.3365, 89.9116



17.6067, 17.3701, 19.7848



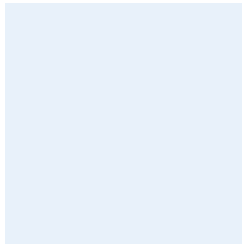
22.9498, 11.5956, 11.7099



2.1790, 1.0954, 1.3663

Previews

White Background



This preview shows how the XYZ color 81.9893, 86.9685, 102.9078 looks on a white background.

Color Contrast Check

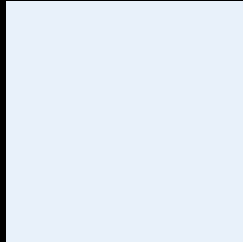
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 81.9893, 86.9685, 102.9078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

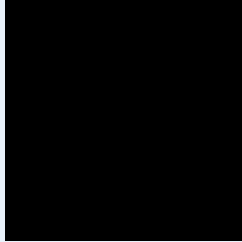
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

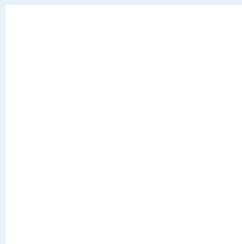
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9893, 86.9685, 102.9078

Background



This preview shows how black text looks on a background with the XYZ color 81.9893, 86.9685, 102.9078.



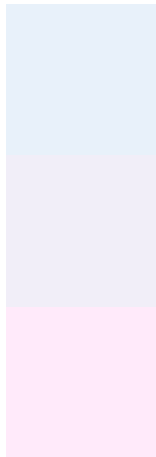
This preview shows how white text looks on a background with the XYZ color 81.9893, 86.9685,

102.9078.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.9893, 86.9685, 102.9078

Protanopia

83.7934, 86.6272, 101.1113

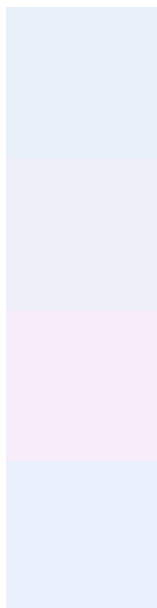
Deuteranopia

87.9181, 87.0078, 102.6029

Tritanopia

83.4710, 87.2023, 107.0401

Trichromacy



Original Color

81.9893, 86.9685, 102.9078

Protanomaly

83.2253, 86.7497, 101.9805

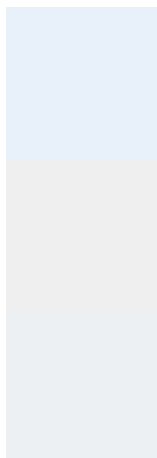
Deuteranomaly

85.8973, 87.2447, 102.7551

Tritanomaly

82.8214, 86.9045, 105.3376

Monochromacy



Original Color

81.9893, 86.9685, 102.9078

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.9298, 86.6241, 97.1960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9893, 86.9685, 102.9078 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(232, 241, 250) looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.9893, 86.9685, 102.9078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 241, 250) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(232, 241, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(232, 241, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9893, 86.9685, 102.9078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 241, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
241, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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